

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electronic assembly, which comprises:
a wiring harness;
connectors connected to the wiring harness; and,
a body molded on the wiring harness to, simultaneously, completely encapsulate the wiring harness and at least part of the connectors provide access to the connectors, the body being molded on the wiring harness by injecting a material into a mold containing the wiring harness and the connectors, curing the material and removing the molded body from the mold such that the body thus formed forms a one piece element that provides access to the connectors and insulates the wiring harness from the environment outside the electronic assembly.
2. (Original) The electronic assembly as claimed in claim 1, wherein the molded body comprises a plastic material.
3. (Original) The electronic assembly as claimed in claim 1, including a conductive coating on the outer surface of the molded body.
4. (Original) The electronic assembly as claimed in claim 3, wherein the conductive coating comprises a conductive paint.
5. (Original) The electronic assembly as claimed in claim 3, wherein the conductive coating comprises a metallic layer applied to the outer surface of the molded body.
6. (Original) The electronic assembly as claimed in claim 1, including a mounting fixture connected to the molded body.

7. (Original) The electronic assembly as claimed in claim 6, wherein the mounting fixture includes a ground connection.

8. (Original) The electronic assembly as claimed in claim 1, including a socket affixed to the molded body, the socket being connected to the wiring harness.

9. (Original) The electronic assembly as claimed in claim 8, wherein the socket is adapted to receive a relay.

10. (Previously Presented) The electronic assembly as claimed in claim 9, including the relay connected to said socket.

11. (Original) The electronic assembly as claimed in claim 1, including shielding for said wiring harness encapsulated within the molded body.

12. (Original) The electronic assembly as claimed in claim 11, wherein said shielding includes a conductive material surrounding the wiring harness.

13. (Original) The electronic assembly as claimed in claim 1, wherein said connectors are molded into the molded body.

14. (Previously Presented) The electronic assembly as claimed in claim 1, wherein said wiring harness includes a plurality of ends that are each connected to one of said connectors.

15. (Previously Presented) The electronic assembly as claimed in claim 14, wherein said wiring harness includes three ends.

16. (Previously Presented) The electronic assembly as claimed in claim 6, wherein the mounting fixtures are molded into the molded body.

17. (Currently Amended) An electronic assembly comprising:
a plurality of connectors;
a wiring harness connected to said plurality of connectors, and

a body molded on the wiring harness with a material to, simultaneously, completely encapsulate said wiring harness and to cover a portion of each of said plurality of connectors so as to provide access to each of the plurality of connectors,

~~wherein said molded body has sufficient strength and hardness to act as a frame that is configured to firmly hold said plurality of connectors and said wiring harness as one piece~~ the material in contact with both the wiring harness and the environment outside the electronic assembly, the material of the body being molded on the wiring harness so as to form a one piece element that provides access to the connectors and insulates the wiring harness from the outside environment, the body including integrated fixtures that are configured to attach the electronic assembly to a support.

18. (Previously Presented) The electronic assembly as claimed in claim 17, wherein said molded body includes a base portion that extends between said plurality of connectors.

19. (Previously Presented) The electronic assembly as claimed in claim 18, further comprising a plurality of mounting fixtures that are molded into the molded body.

20. (Currently Amended) An electronic assembly comprising:
a plurality of connectors;
a wiring harness connected to said plurality of connectors, and
a body molded on the wiring harness to, simultaneously, completely encapsulate said wiring harness and to cover a portion of each of said plurality of connectors so as to provide access to each of the plurality of connectors, said molded body including a base portion that extends between said plurality of connectors,
a socket affixed to the molded body, the socket being connected to the wiring harness, and
a conductive coating on the outer surface of the molded body.

21. (Cancelled)

22. (Currently Amended) The electronic assembly as claimed in claim ~~21~~ 20, wherein the molded body comprises a plastic material.

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23. – 27. (Cancelled)